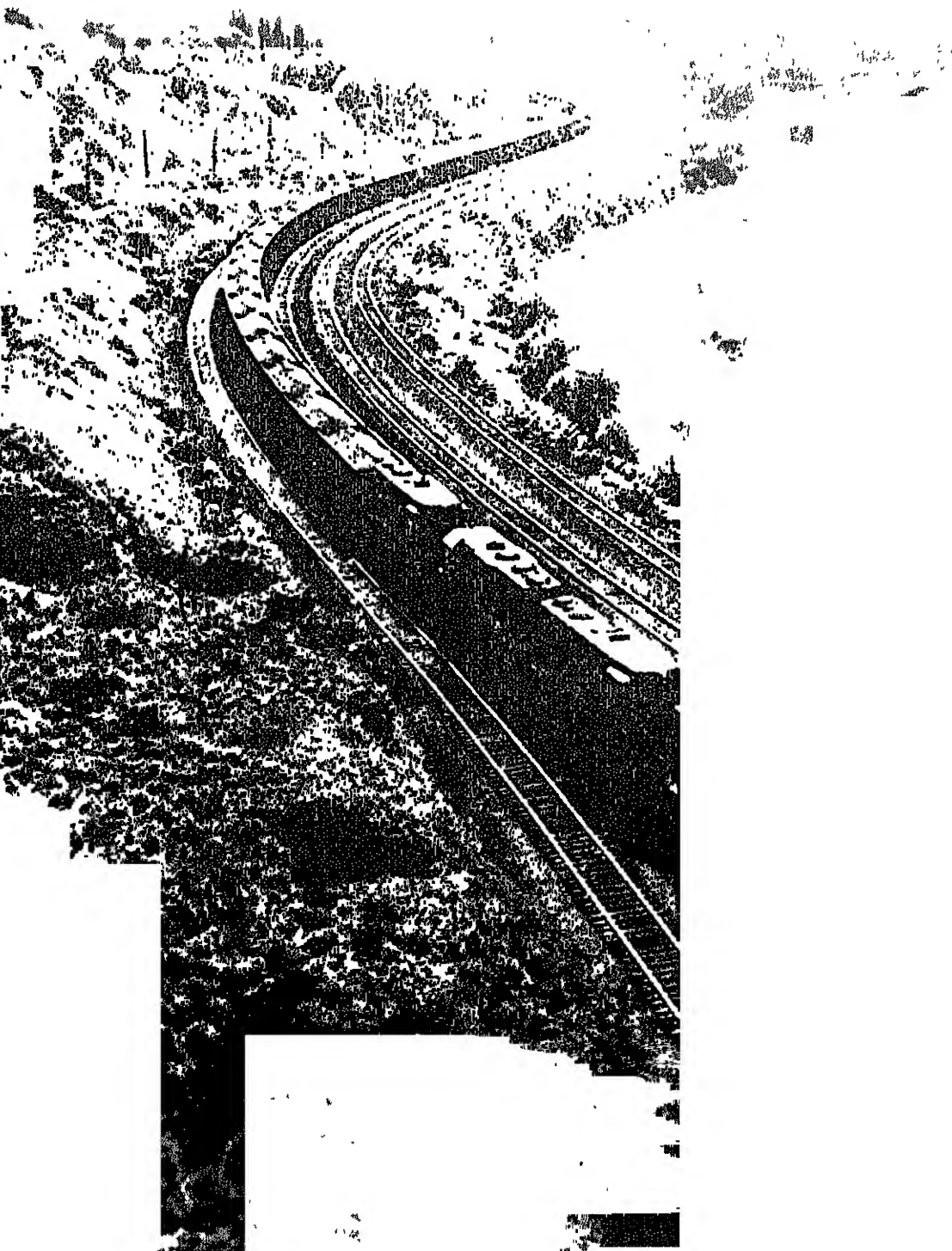




Energy
Information
Administration

Weekly Coal Production

Production for Week Ended:
May 18, 1991



Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at 202/586-8800.*

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Summary

U.S. coal production in the week ended May 18, 1991, as estimated by the Energy Information Administration, totaled 19 million short tons, about the same as in the previous week, but 5 percent less than in the comparable week in 1990. Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 7 million short tons.

U.S. coal exports in March 1991 totaled 8 million short tons, about the same as in February, but 8 percent lower than in March 1990. Coal exports for the first quarter of 1991 totaled 22 million short tons, virtually the same as in the comparable period in 1990. Based on an average price of \$44.58 per short ton, U.S. coal exports were valued at nearly \$1 billion. Japan, Italy, and the Netherlands were the three leading destinations. Together these countries received more than one-third of the coal exported.

Steam coal exports in the first quarter of 1991 totaled 7 million short tons, 5 percent more than in the comparable period of 1990. The increase was due to larger shipments to Europe, which rose by 30 percent to 5 million short tons. The Netherlands accounted for most of this increase, receiving 1 million short

tons more than in the first quarter of 1990. The Netherlands and Italy were the leading destinations for U.S. steam coal shipments to Europe, together accounting for 55 percent of the total. Steam coal exports to Taiwan, the leading Asian destination, decreased by 30 percent to less than 1 million short tons.

Metallurgical coal exports in the first quarter of 1991 amounted to 15 million short tons, slightly below the comparable 1990 level. Japan, the principal destination, received 2 million short tons, a decline of 5 percent. Exports to Europe rose by 6 percent to 10 million short tons. The largest tonnage increases were to the United Kingdom and Romania. Metallurgical coal exports to Brazil and Italy declined 28 and 23 percent, respectively, due to declines in steel production.

U.S. coal imports for March 1991 totaled 246 thousand short tons. This brought the total amount imported for the first quarter of 1991 to 938 thousand short tons, 28 percent higher than in the same period in 1990. Coal imports were valued at \$32 million, based on an average price of \$33.71 per short ton. About two-thirds of the coal imported were from Colombia.

Figure 1. Coal Production

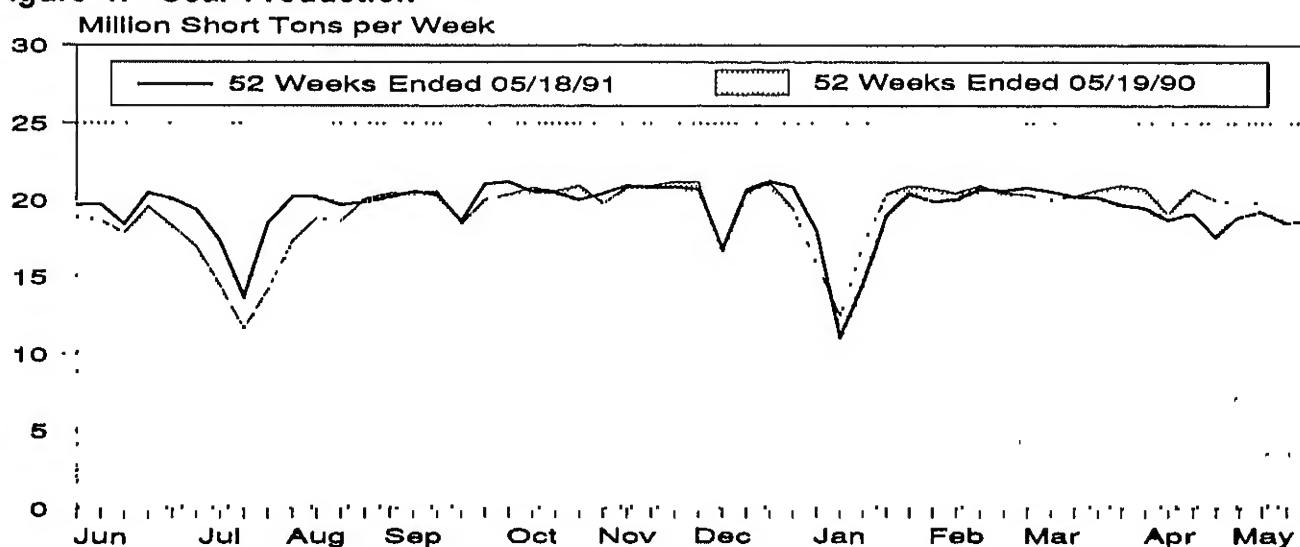


Table 1. Coal Production

	Week Ended			52 Weeks Ended		Percent Change
Production and Carloadings	05/18/91	05/11/91	05/19/90	05/18/91	05/19/90	
Production (Thousand Short Tons)						
Bituminous Coal ¹ and Lignite . . .	18,586	18,440	19,628	1,007,176	999,073	0.8
Pennsylvania Anthracite	49	42	63	2,818	3,125	-9.8
U.S. Total	18,635	18,482	19,691	1,009,994	1,002,199	.8
Railroad Cars Loaded	122,654	121,745	130,012	6,554,465	6,488,087	

¹Includes subbituminous coal.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	05/18/91	05/11/91	05/19/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	11,135	11,076	12,341
Alabama	515	526	573
Illinois	1,126	1,067	1,194
Indiana	710	710	711
Kentucky	2,928	2,916	3,282
Kentucky, Eastern	2,231	2,295	2,380
Kentucky, Western	697	621	902
Maryland	62	65	65
Ohio	624	606	633
Pennsylvania Bituminous	1,226	1,200	1,514
Tennessee	110	105	128
Virginia	868	836	907
West Virginia	2,966	3,043	3,334
West of the Mississippi	7,451	7,364	7,286
Alaska	23	23	23
Arizona	197	196	154
Arkansas	1	1	*
Colorado	382	405	366
Iowa	7	7	7
Kansas	16	15	15
Louisiana	51	41	81
Missouri	45	45	49
Montana	676	650	670
New Mexico	460	530	504
North Dakota	519	500	518
Oklahoma	27	32	36
Texas	1,045	1,037	1,046
Utah	427	454	430
Washington	88	87	97
Wyoming	3,486	3,341	3,289
Bituminous Coal¹ and Lignite Total .	18,586	18,440	19,628
Pennsylvania Anthracite	49	42	63
U.S. Total	18,635	18,482	

¹Includes subbituminous coal.

*Less than 0.5 thousand short tons.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Exports and Imports, 1982-1991
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam ¹		Total		Quantity	Average Price
	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²		
1982	64,585	\$61.07	41,692	\$49.11	106,277	\$56.37	742	\$30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
May	5,643	46.81	4,184	36.50	9,827	42.42	144	34.08
June	5,699	46.35	3,616	36.35	9,316	42.47	348	34.65
July	5,495	46.82	3,698	35.69	9,194	42.34	200	29.58
August	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
September	5,567	46.70	4,671	35.89	10,238	41.76	194	32.31
October	4,471	47.06	4,286	36.41	8,756	41.85	284	41.32
November	5,805	46.42	3,816	36.88	9,621	42.63	224	32.86
December	4,890	48.07	2,923	36.32	7,813	43.67	268	33.40
Total	63,459	46.51	42,345	36.81	105,804	42.63	2,699	34.45
1991								
January	3,853	47.87	2,361	36.82	6,214	43.67	263	32.36
February	6,113	47.14	2,013	39.67	8,127	45.29	429	34.87
March	5,178	47.69	2,799	38.80	7,977	44.57	246	33.12
1991 Year to Date	15,144	47.52	7,174	38.39	22,318	44.58	938	33.71
1990 Year to Date	15,536	45.80	6,847	37.42	22,383	43.23	735	35.07

¹Includes bituminous, subbituminous, lignite, and anthracite.

²Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522" and "Monthly Report IM 145."

**Table 4. Coal Exports, March 1991
(Short Tons)**

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	9,566	30,471	66,546	130,580	786,718	-83.4
Canada ¹	7,831	7,843	40,716	85,599	734,869	-88.4
Dominican Republic	-	-	-	19,289	21,825	-11.6
Jamaica	-	18,055	16,250	18,055	16,250	11.1
Mexico	1,713	4,373	9,462	7,415	12,960	-42.8
Other ²	22	200	118	222	814	-72.7
South America Total	579,842	539,056	681,784	1,510,247	2,264,701	-33.3
Argentina	-	70,135	60,990	102,862	259,827	-60.4
Brazil	542,774	434,547	620,794	1,321,480	1,861,214	-29.0
Chile	37,037	33,597	-	70,657	142,730	-50.5
Other ²	31	777	-	15,248	930	NM
Europe Total	5,799,216	5,089,866	4,959,285	15,026,785	13,375,010	12.3
Albania	22,402	-	-	67,654	46,364	45.9
Belgium & Luxembourg	960,986	531,874	748,568	1,897,476	1,971,445	-3.8
Bulgaria	-	152,483	-	201,082	87,955	128.6
Denmark	176,338	-	195,009	547,997	448,613	22.2
Finland	-	33,434	-	33,434	-	-
France	501,180	836,046	798,042	1,794,332	2,309,715	-22.3
Ireland	136,151	74,199	56,793	321,836	302,507	6.4
Italy	1,088,540	1,085,937	852,650	2,683,674	2,876,538	-6.7
Netherlands	1,071,868	829,551	598,418	2,625,354	1,533,521	71.2
Norway	14,156	8,954	-	30,738	27,706	10.9
Portugal	211,915	35,547	40,748	247,462	181,632	36.2
Romania	262,747	206,194	133,315	530,724	270,094	96.5
Spain	557,488	408,625	381,076	1,323,149	986,221	34.2
Sweden	134,060	-	82,849	215,832	82,849	160.5
Turkey	120,714	228,381	113,223	634,225	528,339	20.0
United Kingdom	483,746	426,733	646,324	1,421,877	1,151,192	23.5
West Germany	51,956	111,568	158,089	163,524	230,693	-29.1
Yugoslavia	-	115,125	145,288	276,231	322,611	-14.4
Other ²	4,969	5,215	8,893	10,184	17,015	-40.1
Asia Total	1,292,327	2,170,818	2,763,037	5,007,390	5,525,914	-9.4
China (Taiwan)	158,722	367,851	625,420	809,693	1,254,841	-35.5
Hong Kong	-	-	-	227,857	-	-
Israel	133,185	-	209,122	133,185	209,122	-36.3
Japan	805,336	1,472,046	1,428,833	2,994,986	2,990,719	.1
Korea, Republic of	192,911	327,623	499,450	836,198	1,070,776	-21.9
Other ²	2,173	3,298	212	5,471	457	NM
Oceania & Australia Total	56	-	-	56	555	-89.9
Africa Total	296,254	296,426	222,208	642,884	430,004	49.5
Algeria	63,844	112,599	44,105	176,443	44,105	300.1
Egypt	91,486	-	100,348	141,690	200,042	-29.2
Morocco	140,924	115,042	77,755	255,966	185,857	37.7
Other ²	-	68,785	-	68,785	-	-
Total	7,977,261	8,126,637	8,692,860	22,317,942	22,382,902	-.3

¹Percent change calculation not meaningful as value is greater than 500.

²Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

³Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, March 1991
(Dollars per Short Ton)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	\$37.79	\$34.66	\$35.21	\$31.90	\$34.33	-7.1
Canada ¹	34.68	35.66	36.36	30.83	34.27	-10.0
Dominican Republic	-	-	-	-	36.38	-
Jamaica	-	33.48	30.57	33.48	30.57	9.5
Mexico	48.57	37.91	39.36	40.91	40.63	.7
Other ²	-	34.33	34.96	34.33	37.19	-7.7
South America Total	47.42	47.65	45.91	47.45	45.23	4.9
Argentina	-	46.25	44.30	47.41	43.89	8.0
Brazil	48.17	48.76	46.07	48.18	46.15	4.4
Chile	36.59	36.56	-	36.57	35.78	2.2
Other ²	-	34.46	-	34.77	40.00	-13.1
Europe Total	44.26	45.52	44.26	44.56	43.84	1.6
Albania	46.27	-	-	46.27	47.57	-2.7
Belgium & Luxembourg	43.63	48.52	44.21	45.87	45.16	1.6
Bulgaria	-	41.84	-	42.65	49.24	-13.4
Denmark	40.08	-	36.82	33.66	34.01	-1.0
Finland	-	46.59	-	46.59	-	-
France	44.38	43.52	42.85	43.21	41.49	4.1
Ireland	37.19	45.95	44.99	41.21	39.14	5.3
Italy	45.23	44.70	44.33	45.04	43.86	2.7
Netherlands	43.02	43.41	43.24	42.92	43.87	-2.2
Portugal	39.46	47.25	40.01	40.58	40.87	-7
Romania	47.65	44.45	46.72	46.71	46.29	.9
Spain	36.20	47.24	47.19	45.08	47.13	-4.3
Sweden	46.09	-	47.58	46.57	47.58	-2.1
Turkey	47.82	47.13	43.09	47.58	43.46	9.5
United Kingdom	49.41	49.13	46.41	49.01	46.73	4.9
West Germany	49.00	49.08	43.63	49.05	42.58	15.2
Yugoslavia	-	47.53	47.03	47.77	45.98	3.9
Other ²	-	-	39.92	-	39.92	-
Asia Total	42.84	43.99	42.59	43.18	42.31	2.1
China (Taiwan)	40.79	40.77	37.97	39.38	37.33	5.5
Hong Kong	-	-	-	39.83	-	-
Israel	40.97	-	38.33	40.97	38.33	6.9
Japan	42.94	44.41	44.25	43.82	43.68	.3
Korea, Republic of	45.47	45.76	45.43	45.85	45.21	1.4
Other ²	39.95	40.65	39.87	40.37	39.88	1.2
Oceania & Australia Total	-	-	-	-	36.85	-
Africa Total	38.93	42.95	40.02	41.64	38.52	8.1
Algeria	-	47.62	45.09	47.62	45.09	5.6
Egypt	46.44	-	45.60	46.44	45.05	3.1
Morocco	34.07	34.61	29.94	34.31	29.94	14.6
Other ²	-	49.25	-	49.25	-	-
Total	44.09	45.11	43.68	44.29	43.17	2.6
U.S. Total³	44.57	45.29	43.70	44.58	43.23	3.1

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value of coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

³Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Steam Coal Exports, March 1991
(Short Tons)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	9,154	29,748	39,317	128,167	759,444	-83.1
Canada ¹	7,441	7,120	13,487	83,208	707,595	-88.2
Dominican Republic	-	-	-	19,289	21,825	-11.6
Jamaica	-	18,055	16,250	18,055	16,250	11.1
Mexico	1,713	4,373	9,462	7,415	12,960	-42.8
Other ²	-	200	118	200	814	-75.4
South America Total	39,796	34,374	-	88,633	146,485	-39.5
Brazil	2,728	-	-	2,728	29,011	-90.6
Chile	37,037	33,597	-	70,657	116,544	-39.4
Other ²	31	777	-	15,248	930	NM
Europe Total	2,090,060	1,096,333	1,292,236	4,655,543	3,594,219	29.5
Belgium & Luxembourg	378,734	12,710	202,986	391,444	364,700	7.3
Bulgaria	-	-	-	-	39,065	-
Denmark	176,338	-	195,009	547,997	393,041	39.4
Finland	-	216	-	216	-	-
France	66,723	85,954	294,735	224,687	754,079	-70.2
Ireland	136,151	74,199	56,793	321,836	302,507	6.4
Italy	466,669	582,609	251,017	1,282,268	1,054,564	21.6
Netherlands	517,966	298,442	109,920	1,301,294	319,069	307.8
Norway	6,881	-	-	6,881	11,731	-41.3
Portugal	211,915	-	40,748	211,915	115,309	83.8
Spain	99,837	40,210	-	210,441	283	NM
Sweden	-	-	-	8,048	-	-
Turkey	-	108	-	108	7,214	-98.5
United Kingdom	17,802	-	140,367	100,885	159,392	-36.7
West Germany	11,044	1,885	298	12,929	72,902	-82.3
Yugoslavia	-	-	-	34,594	-	-
Other ²	-	-	363	-	363	-
Asia Total	558,745	773,615	1,029,737	2,120,683	2,160,665	-1.9
China (Taiwan)	158,722	367,851	520,360	809,693	1,149,781	-29.6
Hong Kong	-	-	-	227,857	-	-
Israel	133,185	-	209,122	133,185	209,122	-36.3
Japan	192,468	317,220	215,688	704,446	568,736	23.9
Korea, Republic of	72,197	85,246	84,355	240,031	232,569	3.2
Other ²	2,173	3,298	212	5,471	457	NM
Oceania & Australia Total	56	-	-	56	555	-89.9
Africa Total	101,326	79,398	77,755	180,724	185,857	-2.8
Morocco	101,326	79,398	77,755	180,724	185,857	-2.8
Total	2,799,137	2,013,468	2,439,045	7,173,806	6,847,225	4.8

^{NM}Percent change calculation not meaningful as value is greater than 500.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 7. Average Price of Steam Coal Exports, March 1991
(Dollars per Short Ton)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	\$37.79	\$34.59	\$34.69	\$31.83	\$34.27	-7.1
Canada ¹	34.68	35.43	37.39	30.72	34.20	-10.2
Dominican Republic	-	-	-	-	36.38	-
Jamaica	-	33.48	30.57	33.48	30.57	9.5
Mexico	48.57	37.91	39.36	40.91	40.63	.7
Other ²	-	34.33	34.96	34.33	37.19	-7.7
South America Total	36.59	36.51	-	36.26	34.51	5.0
Brazil	-	-	-	-	41.05	-
Chile	36.59	36.56	-	36.57	32.84	11.4
Other ²	-	34.46	-	34.77	40.00	-13.1
Europe Total	39.13	40.48	39.19	38.88	38.22	1.7
Belgium & Luxembourg	37.71	40.82	35.69	37.81	36.28	4.2
Bulgaria	-	-	-	-	48.99	-
Denmark	40.08	-	36.82	33.66	34.01	-1.0
Finland	-	40.75	-	40.75	-	-
France	36.29	41.30	40.00	36.32	36.92	-1.6
Ireland	37.19	45.95	44.99	41.21	39.14	5.3
Italy	41.28	40.51	39.50	40.83	40.07	1.9
Netherlands	39.12	40.46	35.58	39.26	36.64	7.2
Portugal	39.46	-	40.01	39.46	36.98	6.7
Spain	36.20	28.16	-	36.20	39.92	-9.3
Sweden	-	-	-	41.64	-	-
Turkey	-	40.73	-	40.73	-	-
United Kingdom	36.29	-	45.53	42.67	45.90	-7.0
West Germany	49.04	40.88	-	48.60	40.28	20.7
Other ²	-	-	39.92	-	39.92	-
Asia Total	37.75	38.91	38.02	37.97	37.41	1.5
China (Taiwan)	40.79	40.77	36.42	39.38	36.57	7.7
Hong Kong	-	-	-	39.83	-	-
Israel	40.97	-	38.33	40.97	38.33	6.9
Japan	32.17	36.45	41.34	34.50	38.09	-9.4
Korea, Republic of	39.92	39.92	38.72	39.92	39.11	2.1
Other ²	39.95	40.65	39.87	40.37	39.88	1.2
Oceania & Australia Total	-	-	-	-	36.85	-
Africa Total	33.34	34.02	29.94	33.64	29.94	12.4
Morocco	33.34	34.02	29.94	33.64	29.94	12.4
Total	38.61	39.46	38.33	38.34	37.22	3.0
U.S. Total³	38.80	39.67	38.36	38.39	37.42	2.6

¹U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on exports based on information on imports provided monthly by the Canadian government. For this reason the quantity and value of steam coal exports and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Exports less than or equal to 50,000 short tons in 1990.

³Steam coal exports.

⁴Average price is based on the free alongside ship (f.a.s.) prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$48 per short ton. Coal includes bituminous, subbituminous, lignite, and anthracite. Source: U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Metallurgical Coal Exports, March 1991
(Short Tons)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	412	723	27,229	2,413	27,274	-91.2
Canada ¹	390	723	27,229	2,391	27,274	-91.2
Other ²	22	-	-	22	-	-
South America Total	540,046	504,682	681,784	1,421,614	2,118,216	-32.9
Argentina	-	70,135	60,990	102,862	259,827	-60.4
Brazil	540,046	434,547	620,794	1,318,752	1,832,203	-28.0
Chile	-	-	-	-	26,186	-
Europe Total	3,709,156	3,993,533	3,667,049	10,371,242	9,780,791	6.0
Albania	22,402	-	-	67,654	46,364	45.9
Belgium & Luxembourg	582,252	519,164	545,582	1,506,032	1,606,745	-6.3
Bulgaria	-	152,483	-	201,082	48,890	311.3
Denmark	-	-	-	-	55,572	-
Finland	-	33,218	-	33,218	-	-
France	434,457	750,092	503,307	1,569,645	1,555,636	.9
Italy	621,871	503,328	601,633	1,401,406	1,821,974	-23.1
Netherlands	553,902	531,109	488,498	1,324,060	1,214,452	9.0
Norway	7,275	8,954	-	23,857	15,975	49.3
Portugal	-	35,547	-	35,547	66,323	-46.4
Romania	262,747	206,194	133,315	530,724	270,094	96.5
Spain	457,651	368,415	381,076	1,112,708	985,938	12.9
Sweden	134,060	-	82,849	207,784	82,849	150.8
Turkey	120,714	228,273	113,223	634,117	521,125	21.7
United Kingdom	465,944	426,733	505,957	1,320,992	991,800	33.2
West Germany	40,912	109,683	157,791	150,595	157,791	-4.6
Yugoslavia	-	115,125	145,288	241,637	322,611	-25.1
Other ²	4,969	5,215	8,530	10,184	16,652	-38.8
Asia Total	733,582	1,397,203	1,733,300	2,886,707	3,365,249	-14.2
China (Taiwan)	-	-	105,060	-	105,060	-
Japan	612,868	1,154,826	1,213,145	2,290,540	2,421,983	-5.4
Korea, Republic of	120,714	242,377	415,095	596,167	838,206	-28.9
Africa Total	194,928	217,028	144,453	462,160	244,147	89.3
Algeria	63,844	112,599	44,105	176,443	44,105	300.1
Egypt	91,486	-	100,348	141,690	200,042	-29.2
Morocco	39,598	35,644	-	75,242	-	-
Other ²	-	68,785	-	68,785	-	-
Total	5,178,124	6,113,169	6,253,815	15,144,136	15,535,677	-2.5

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Average Price of Metallurgical Coal Exports, March 1991
(Dollars per Short Ton)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	-	\$37.97	\$35.90	\$35.83	\$35.90	-0.2
Canada ¹	-	37.97	35.90	35.83	35.90	-.2
South America Total	\$48.17	48.41	45.91	48.12	45.97	4.7
Argentina	-	46.25	44.30	47.41	43.89	8.0
Brazil	48.17	48.76	46.07	48.18	46.23	4.2
Chile	-	-	-	-	48.84	-
Europe Total	47.56	46.96	46.05	47.31	45.90	3.1
Albania	46.27	-	-	46.27	47.57	-2.7
Belgium & Luxembourg	47.49	48.71	47.37	47.97	47.18	1.7
Bulgaria	-	41.84	-	42.65	49.44	-13.7
Finland	-	46.63	-	46.63	-	-
France	45.63	43.78	44.52	44.19	43.71	1.1
Italy	48.20	49.54	46.34	48.88	46.06	6.1
Netherlands	46.66	45.06	44.97	46.52	45.77	1.6
Portugal	-	47.25	-	47.25	47.64	-.8
Romania	47.65	44.45	46.72	46.71	46.29	.9
Spain	-	49.32	47.19	49.32	47.13	4.6
Sweden	46.09	-	47.58	46.76	47.58	-1.7
Turkey	47.82	47.14	43.09	47.58	43.46	9.5
United Kingdom	49.91	49.13	46.65	49.42	46.87	5.4
West Germany	48.99	49.13	43.63	49.09	43.63	12.5
Yugoslavia	-	47.53	47.03	47.77	45.98	3.9
Asia Total	46.73	46.81	45.31	47.01	45.52	3.3
China (Taiwan)	-	-	45.64	-	45.64	-
Japan	46.32	46.60	44.77	46.69	45.03	3.7
Korea, Republic of	48.79	47.81	46.80	48.24	46.90	2.9
Africa Total	43.26	46.22	45.44	45.27	45.05	.5
Algeria	-	47.62	45.09	47.62	45.09	5.6
Egypt	46.44	-	45.60	46.44	45.05	3.1
Morocco	35.93	35.92	-	35.92	-	-
Other ²	-	49.25	-	49.25	-	-
Total	47.38	47.02	45.77	47.27	45.79	3.2
U.S. Total³	47.69	47.14	45.78	47.52	45.80	3.8

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

³Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Customs District, March 1991
(Short Tons)

Customs District	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
Eastern Total	6,112,124	5,611,015	6,196,776	15,659,513	15,623,596	0.2
Baltimore, MD	677,308	203,587	769,062	1,113,098	2,068,626	-46.2
Portland, ME	-	-	-	-	493	-
Buffalo, NY	5,331	4,858	6,146	13,530	14,239	-5.0
New York City, NY	224	411	1,566	911	2,041	-55.4
Ogdensburg, NY	1,179	1,866	2,038	5,405	4,726	14.4
Philadelphia, PA	131,476	-	148,580	131,476	454,350	-71.1
Norfolk, VA	5,296,606	5,400,214	5,269,384	14,395,014	13,079,121	10.1
St. Albans, VT	-	79	-	79	-	-
Southern Total	1,653,349	2,097,555	2,216,038	5,449,336	5,276,860	3.3
Mobile, AL	761,230	800,551	893,564	2,318,909	2,239,991	3.5
Miami, FL	-	431	-	431	-	-
Tampa, FL	-	-	-	752	17,893	-95.8
New Orleans, LA	784,880	1,156,415	1,205,688	2,780,217	2,616,099	6.3
Charleston, SC	85,607	133,464	108,302	302,244	361,949	-16.5
Houston-Galveston, TX	19,919	3,049	290	40,466	29,487	37.2
Laredo, TX	1,713	3,645	8,194	6,317	11,441	-44.8
Western Total	210,467	416,694	247,645	1,141,902	765,565	49.2
Anchorage, AK	72,197	85,246	84,355	240,031	232,569	3.2
Los Angeles, CA	298	323,475	161,626	755,427	520,089	45.2
San Diego, CA	-	728	1,268	1,098	1,519	-27.7
San Francisco, CA	1,069	-	-	1,069	-	-
Portland, OR	74,454	-	-	74,454	-	-
Seattle, WA	62,449	7,245	396	69,823	11,388	NM
Northern Total	125	574	28,515	63,675	709,180	-91.0
Chicago, IL	-	108	-	108	-	-
Detroit, MI	125	466	1,260	1,122	625,911	-99.8
Pembina, ND	-	-	87	-	87	-
Cleveland, OH	-	-	27,168	62,445	83,182	-24.9
Total	7,977,261	8,126,637	8,692,860	22,317,942	22,382,902	-.3

^{***}Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, March 1991
(Short Tons)

Continent and Country of Destination	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	11,784	9,445	17,862	39,650	76,386	-48.1
Canada ¹	6,605	3,682	10,878	22,480	35,454	-36.6
Mexico	5,158	5,677	6,935	16,942	40,697	-58.4
Other ²	21	86	49	228	235	-3.0
South America Total	49	-	21,761	49	21,761	-99.8
Europe Total	-	-	-	-	33,659	-
Total	11,833	9,445	39,623	39,699	131,806	-69.9

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, March 1991
(Short Tons)

Continent and Country of Origin	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	55,856	43,165	106,238	185,964	251,464	-26.0
Canada	55,856	43,165	106,238	185,964	245,260	-24.2
Mexico	-	-	-	-	6,204	-
South America Total	190,122	354,304	185,645	720,889	483,170	49.2
Colombia	162,564	313,941	185,645	617,793	415,621	48.6
Venezuela	27,558	40,363	-	103,096	67,549	52.6
Oceania & Australia Total	-	31,106	-	31,106	-	-
Australia	-	31,106	-	31,106	-	-
Total	245,978	428,575	291,883	937,959	734,634	27.7

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, March 1991
(Dollars per Short Ton)

Continent and Country of Origin	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	\$24.09	\$27.52	\$30.03	\$24.81	\$26.60	-6.7
Canada	24.09	27.52	30.03	24.81	26.27	-5.5
Mexico	-	-	-	-	38.36	-
South America Total	33.53	35.08	37.18	34.67	37.86	-8.4
Colombia	31.91	34.32	37.18	33.69	37.41	-10.0
Venezuela	43.09	41.00	-	40.57	40.63	-2
Oceania & Australia Total	-	37.97	-	37.97	-	-
Australia	-	37.97	-	37.97	-	-
Total	31.69	34.59	34.70	33.00	34.21	-3.6
U.S. Total¹	33.12	34.87	35.54	33.71	35.07	-3.9

¹Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, March 1991
(Short Tons)

Customs District	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
Eastern Total	-	28,527	64,958	63,702	162,290	-60.7
Boston, MA	-	-	31,333	-	99,723	-
Portland, ME	-	28,527	33,625	28,527	62,546	-54.4
Ogdensburg, NY	-	-	-	-	21	-
Philadelphia, PA	-	-	-	35,175	-	-
Southern Total	190,122	325,777	154,312	657,187	360,730	82.2
Tampa, FL	140,237	308,687	127,696	544,153	304,443	78.7
New Orleans, LA	-	17,090	-	17,090	-	-
San Juan, PR	22,327	-	23,348	57,363	46,815	22.5
Houston-Galveston, TX	-	-	-	11,023	-	-
Laredo, TX	-	-	-	-	6,204	-
Virgin Islands	27,558	-	3,268	27,558	3,268	NM
Western Total	11,476	33,313	9,019	48,839	20,566	137.5
Honolulu, HI	-	31,106	-	31,106	-	-
Great Falls, MT	7,476	2,207	4,610	13,733	12,299	11.7
Seattle, WA	4,000	-	4,409	4,000	8,267	-51.6
Northern Total	44,380	40,958	63,594	168,231	191,048	-11.9
Chicago, IL	-	-	-	29,304	29,184	.4
Detroit, MI	8	-	-	8	-	-
Pembina, ND	44,372	40,958	63,594	138,919	161,864	-14.2
Total	245,978	428,575	291,883	937,959	734,634	27.7

NM Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, March 1991
(Short Tons)

Continent and Country of Origin	March 1991	February 1991	March 1990	Year to Date		Percent Change
				1991	1990	
North America Total	1,005	922	1,073	11,057	25,219	-56.2
Canada	1,005	922	1,073	11,057	3,432	222.2
Mexico	-	-	-	-	21,787	-
Europe Total	-	-	19,080	-	19,080	-
Italy	-	-	19,080	-	19,080	-
Asia Total	40,337	43,164	40,608	121,177	122,986	-1.5
Japan	40,337	43,164	40,608	121,177	122,986	-1.5
Oceania & Australia Total	35,749	-	-	35,749	-	-
Australia	35,749	-	-	35,749	-	-
Total	77,091	44,086	60,761	167,983	167,285	0.4

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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